

ABSTRACT OF THE DISCLOSURE

A mobile terminal having a liquid crystal display apparatus and a mobile terminal
5 displays letter or image information. The liquid crystal display apparatus, which includes a liquid crystal panel having a polygonal flat shape and an adhesion member installed on at least one part among edges except corner parts at the flat portion of the liquid crystal panel ~~and the~~.
The mobile terminal in accordance with the present invention includes a transmission and reception unit positioned at one side of a case, an input adjusting unit exposed to external portion
10 of the case being adjusted by a user, a control unit for outputting a driving signal according to, and a liquid crystal display driving unit operated by an inputoutput signal of the input
adjustingcontrol unit at. Accordingly, the mobile terminal with the liquid crystal display
apparatus features improved durability and reliability since the same time when the signals are
inputted and outputted, being connected to the transmission and reception unit, a liquid crystal
15 display driving unit operated by the output signal of the control unit, a liquid crystal panel positioned in the case so has minimized spot generation that it can be shown may occur from the outside, for displaying letter or image information by the liquid crystal display driving unit and an adhesion member installed at least one part among edges except corner parts at the flat portion of the liquid crystal panel. Accordingly, the liquid crystal display apparatus in accordance with
20 the present invention and a mobile terminal in accordance with the present invention can improve durability and reliability of the mobile terminal having the liquid crystal panel minimizing spot generation even if physical impacts by a falling or, temperature change or a certain changes or applied wrenching load is applied loads.

ABSTRACT

A mobile terminal having a liquid crystal display apparatus, which includes a liquid crystal panel having a polygonal flat shape and an adhesion member installed on at least one part among edges except corner parts at the flat portion of the liquid crystal panel. The mobile terminal includes a transmission and reception unit positioned at one side of a case, an input adjusting unit exposed to external portion of the case, a control unit, and a liquid crystal display driving unit operated by an output signal of the control unit. Accordingly, the mobile terminal with the liquid crystal display apparatus features improved durability and reliability since the liquid crystal panel has minimized spot generation that may occur from physical impacts, temperature changes or applied wrenching loads.